## SECTION - B SHORT QUESTION

- Q-02: What is Physics? Enlist some important branches of Physics.
  Q-03: What is meant by anomalous expansion of water? Describe its effects on every day life.
- State the laws of reflection. Q-04:
- What Ave hair defects of human eye? How are they removed? Q-05:
- How's rainbow formed? Q-06:
- Define momentum. Explain the law of conservation of momentum with the help of examples.
- How can a vector be determined of its rectangular components are known?
- State Coulombs law and define the unit of charge. Q-9:
- Q-10: Describe the construction of a simple pully.
- Q-11: Describe stress and strain.
- The time taken by an electron to complete one rotation about its nucleus is 0.5 x 10<sup>-18</sup> seconds. Convert It into minutes, hours and microseconds.
- Q-13: Example vibrations, time period and frequency in sound,

## SECTION - C (DESCRIPTIVE QUESTIONS)

Q-14: (a) How can determine the mass of earth by applying law of Gravitation.